

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONTRACT CHANGE ORDER MEMORANDUM
 CEM-4903 REV 6/2006 CT# 7541-3544-0

DATE

TO			FILE	
FROM _____, Resident Engineer			E. A. CO-RTE-KP FED NO.	
CCO NO.	SUPPLEMENT NO.	CATEGORY CODE C X S A	CONTINGENCY BALANCE (including this change):	
SUPPLEMENTAL FUNDS PROVIDED None			HEADQUARTERS APPROVAL REQUIRED?	YES X NO
			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS?	X YES NO
Original Contract Working Days ____ DAY (S)	Time Adjustment This Change ____ DAY (S)	Previously-Approved CCO Time Adjustments ____ DAY (S)	Percentage Time Adjusted to Date (Including this change) ____ %	Total Number of Unreconciled Deferred-time CCOs (including this change) _____

THIS CHANGE ORDER PROVIDES FOR revising the third paragraph of Section 90-6.02, "Machine Mixing," and the fifth paragraph of Section 90-6.03, "Transporting Mixed Concrete," of the *Amended Standard Specifications* so that the contractor can withhold a portion of the mix design water during batching and add all or a portion of the withheld water at the discharge location to concrete transported in mixer trucks.

REASON FOR CHANGE. To allow for field adjustment of penetration or slump for improvement in design workability, quality, finish, and workmanship. The contractor requested this change to modify these sections of the *Amended Standard Specifications*. The change will allow water to be added to concrete transported in a mixer truck after arrival at the discharge location.

CONCURRENCE. The Division of Engineering Services, Office of Structure Construction and the State Materials Engineer concur that field conditions sometimes require latitude to add water within the mix design's parameters and specified penetration requirements. This change is expected to allow for uniform concrete placement and finishing, reduced waste, and reduced concrete anomalies such as cold joints and rock pockets. The resident engineer has verified that mixer trucks are capable of adding water to an accuracy of 1.5 percent of the quantity of water and confirmed that the contractor has accepted all risks under its control associated with this change, including possible rejection of concrete that fails penetration, strength, finish, and approved mix design compliance testing. This change in specifications does not require Division of Construction authorization to issue and approve because it has been executed according to CPD 10-5, dated June 24, 2010.

METHOD OF PAYMENT: There will be no cost or credit due to this change.

TIME ADJUSTMENT: There will be no time adjustment because of this change order since the work involved will not affect the controlling operation(s).

CONCURRED BY:		ESTIMATE OF COST		
CONSTRUCTION ENGINEER:	DATE	ITEMS	THIS REQUEST	TOTAL TO DATE
BRIDGE ENGINEER:	DATE	FORCE ACCOUNT	0	0
FHWA REP.	DATE:	AGREED PRICE	0	0
PROJECT MANAGER	DATE:	ADJUSTMENT	0	0
OTHER (Specify)	DATE:	TOTAL	0	0
	DATE	FEDERAL PARTICIPATION		
MATERIALS ENGINEER	DATE	PARTICIPATING	PARTICIPATING IN PART	NONE
DISTRICT PRIOR APPROVAL BY:	DATE:	NON-PARTICIPATING (Maintenance)	NON-PARTICIPATING	
HQ (Issue And Approve) (Authorization To Proceed) BY	DATE	FEDERAL SEGREGATION (If more than one funding source or P.I.P type)		
RESIDENT ENGINEER SIGNATURE	DATE	CCO FUNDED PER CONTRACT	CCO FUNDED AS FOLLOWS	
		FEDERAL FUNDING SOURCE	PERCENT	
		_____	_____	
		_____	_____	

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